

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6753665").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 11:05
L2	2	((("20030026702") or ("20040005222")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 11:13
L3	122	318/687,135.ccls. and resona\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:00
L4	242	417/417.ccls. and resona \$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:00
L5	93	417/44.1,44.11.ccls. and resona\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:00
L6	431	3 or 4 or 5	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:00
L7	65	(3 or 4 or 5) and inverter	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:01
L8	49	(3 or 4 or 5) and inverter same current	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:01
L9	47	(3 or 4 or 5) and inverter and phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:01
L10	46	(3 or 4 or 5) and inverter and phase and current	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:01
L11	45	(3 or 4 or 5) and inverter and phase and current and voltage	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:01
L12	44	(3 or 4 or 5) and inverter and phase and current and voltage and (amplitude or displacement or stroke)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:01

L13	103	(3 or 4 or 5) and frequency with current with resonan\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/19 12:04
S5	1	"10587234"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/09 15:39
S6	1	"10587234"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:31
S7	19	paulo near2 dainez.in. or Lillie near2 Dietmar.in. or marcio near thiessen.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:32
S8	19	paulo near2 dainez.in. or Lillie near2 Dietmar.in. or marcio near2 thiessen.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:33
S9	8	("20020093327"   "20030129063"   "20030164691"   "4345442"   "5342176"   "5534760"   "5980211"   "6851934").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:37
S10	33	("20020051710"   "20020064462"   "20020064463"   "20020064464"   "20030026703"   "20030099550"   "20030129063"   "20030161734"   "20030161735"   "20030164691"   "4345442"   "4353220"   "4783807"   "5658132"   "5897296"   "5947693"   "5980211"   "6074172"   "6084320"   "6153951"   "6176683"   "6231310"   "6289680"   "6501240"   "6685438").PN. OR ("6851934").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:39
S11	33	("4492526"   "5481166"   "5568023"   "5739650").PN. OR ("5947693").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:45
S12	15	S11 and phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:45
S13	5	S11 and phase and resona\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 10:46

S14	25	("4772828"   "5420778"   "5980211"   "6259615"   "6271508"   "6437302"   "6437524").PN. OR ("6501240").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 11:00
S15	16	S14 and phase and resona\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 11:01
S16	37	417/417.ccls. and reson\$4 same phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 11:41
S17	26	417/44.11.ccls. and reson\$4 same phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 11:51
S18	30	417/44.1.ccls. and reson\$4 same phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 11:52
S19	6	keun near2 sik near2 chang.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:01
S20	18	keun near3 sik near3 chang.in. or chang near3 phil near3 soo.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:02
S21	18	keun near3 sik near3 chang.in. or chang near3 phil near3 soo.in. and samsung.as.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:02
S22	6	keun near3 sik near3 chang.in. or chang near3 phil near3 soo.in. and samsung.as. and phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:02
S23	18	keun near3 sik near3 chang.in. or chang near3 phil near3 soo.in. and (samsung.as.)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:03
S24	1	S23 and phase and resona\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:03
S25	1354	318/687,135.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:06
S26	81	318/687,135.ccls. and phase and resona\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:06
S27	20	318/687,135.ccls. and phase and resona\$4 and (pump or compressor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:06

S28	66	samsung.as. and phase and resona\$4 and (pump or compressor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:09
S29	1	("6220045").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:10
S30	2	("20030175125"   "20030175135"   "6753665").PN. and phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 12:11
S31	9	(US-20030129063-\$ or US-20050271526-\$).did. or (US-6851934-\$ or US-5947693-\$ or US-6501240-\$ or US-6231310-\$ or US-5980211-\$ or US-6379125-\$ or US-4345442-\$).did.	US-PGPUB; USPAT	OR	ON	2010/03/10 12:59
S32	7	S31 and phase and resonan\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 13:00
S33	2	S31 not S32	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 13:27
S34	1	("2005/0271526").URPN.	USPAT	OR	ON	2010/03/10 13:34
S35	12	("20030164691"   "20040071556"   "20040239266"   "20050053471"   "20050184687"   "20050271526"   "20060127225"   "6685438"   "6815922"   "6851934"   "6930462"   "7025571").PN. OR ("7408310").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 13:35
S36	1	("6753665").PN.	USPAT; USOCR	OR	OFF	2010/03/10 13:46
S37	2	((("6753665") or ("6220045")).PN.	USPAT; USOCR	OR	OFF	2010/03/10 13:47
S38	9	S7 and phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 13:48
S39	2	S37 and phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 13:49
S40	2	((("4706470") or ("5947693")).PN.	USPAT; USOCR	OR	OFF	2010/03/10 13:53

S41	3	(US-6851934-\$ or US-6501240-\$ or US-5980211-\$).did.	USPAT	OR	ON	2010/03/10 14:10
S42	2	S8 and stator	USPAT	OR	ON	2010/03/10 14:10
S43	4	S8 and piston	USPAT	OR	ON	2010/03/10 14:10
S44	3	S41 and piston	USPAT	OR	ON	2010/03/10 14:10
S45	3	S41 and piston	USPAT	OR	ON	2010/03/10 14:10
S46	3	S41 and stator	USPAT	OR	ON	2010/03/10 14:11
S47	3	S41 and invert\$3	USPAT	OR	ON	2010/03/10 14:12
S48	3	S41 and volt\$3	USPAT	OR	ON	2010/03/10 14:13
S49	0	S41 and thermostat	USPAT	OR	ON	2010/03/10 14:25
S50	1	"20040005222"	US-PGPUB	OR	ON	2010/03/10 14:26
S51	1	"10587234"	US-PGPUB	OR	ON	2010/03/10 14:55
S52	0	"2004005222"	US-PGPUB; USPAT	OR	ON	2010/03/10 16:34
S53	1	"20040005222"	US-PGPUB; USPAT	OR	ON	2010/03/10 16:34
S54	0	417/417.ccls. and cooling and thermostat and piston and resonance	US-PGPUB; USPAT	OR	ON	2010/03/10 16:51
S55	2	417/417.ccls. and cooling and thermostat and piston	US-PGPUB; USPAT	OR	ON	2010/03/10 16:52
S56	6	417/417.ccls. and thermostat and piston	US-PGPUB; USPAT	OR	ON	2010/03/10 16:53
S57	6	417/417.ccls. and thermostat	US-PGPUB; USPAT	OR	ON	2010/03/10 16:53
S58	7	417/44.11.ccls. and thermostat	US-PGPUB; USPAT	OR	ON	2010/03/10 16:54
S59	6	417/44.1.ccls. and thermostat and piston	US-PGPUB; USPAT	OR	ON	2010/03/10 16:54
S60	1	"20030026702"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 18:06
S61	2	((("5156005") or ("5342176"))).PN.	USPAT; USOCR	OR	OFF	2010/03/10 18:18

S62	0	("20050271526").PN.	USPAT; USOCR	OR	OFF	2010/11/18 17:42
S63	1	("20050271526").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 17:42
S64	1	("6753665").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 17:45
S65	1	("6220045").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 17:46
S66	44	"5980211"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 17:50
S67	1	("5980211").PN.	USPAT; USOCR	OR	OFF	2010/11/18 17:51
S68	1	S64 and phase with volt\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 18:21
S69	9	"417".clas. and feed adj phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 18:46
S70	2	"417".clas. and feed adj phase and resonan\$2	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 18:47
S71	1	"20040005222"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 18:59
S72	1	"20030026702"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:35
S73	1	"2004005222"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:41
S74	1	"2004005222"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:44
S75	1	"20040005222"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:44
S76	94	"417".clas. and resonan\$2 same current same phase	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:46
S77	14	"417".clas. and resonan\$2 same current same phase same inverter	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:46

S78	9	"417".clas. and resonan\$2 same current same phase same inverter same voltage	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:46
S79	20	"417".clas. and resonan\$2 same current same inverter same voltage	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:50
S80	11	S79 not S78	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 19:50
S81	1	"20030026702"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 20:52
S82	1	"20030108430"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 21:13
S83	1	"20030026702"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/18 21:18

### EAST Search History (I nterference)

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